

FORM PTO-1449 (SUBSTITUTE)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(37 CFR 1.98(b))

Attorney Docket No.:

38 ZFH040101

Applic. No.

10/762,100

Applicant

Jürgen Herre et al.

Filing Date

January 20, 2004

Group Art Unit

2643

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
/DP/	A	5,912,976	06/15/99	Klayman et al.			
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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
/DP/	J	1 376 538 A1	01/02/04	Europe			
/DP/	K	03/090207 A1	10/30/03	WIPO			
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER

/Disler Paul/

DATE CONSIDERED

06/08/2007

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Sheet 1 of 2

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/DP/	A	6,763,115 B1	07/13/04	Kobayashi			
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

/DP/	O	Erik Schuijers et al.: "Low complexity parametric stereo coding", <i>Audio Engineering Society, Convention Paper 6073, 116th Convention, May 8-11, 2004, Berlin, Germany, pp. 1-11</i>
/DP/	P	Christof Faller: "Coding of Spatial Audio Compatible with Different Playback Formats"; <i>Audio Engineering Society, Convention Paper, 117th Convention, October 28-31, 2004, San Francisco, CA, pp. 1-12</i>

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/DP/	O	Christof Faller et al.: "Binaural Cue Coding – Part II: Schemes and Applications", <i>IEEE Transactions on Speech and Audio Processing</i> , Vol. 11, No. 6, November 2003, pp. 520-531					
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/DP/	A	2003/0026441 A1	02/06/03	Faller					
/DP/	B	2003/0035553 A1	02/20/03	Baumgarte et al.					
/DP/	C	2003/0219130 A1	11/27/03	Baumgarte et al.					
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/DP/	O	Jürgen Herre et al.: "Intensity Stereo Coding", AES 96 th Convention, February 26 – March 1, 1994, Amsterdam, Netherlands, AES preprint 3799, pp. 1-10							
/DP/	P	Christof Faller et al.: "Binaural Cue Coding Applied to Stereo and Multi-Channel Audio Compression", Audio Engineering Society, Convention Paper 5574, 112 th Convention, May 10-13, 2002, Munich, Germany, pp. 1-9							
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/DP/	O	Christof Faller et al.: "Binaural Cue Coding. Part II: Schemes and Applications", <i>IEEE Transactions on Speech and Audio Processing</i> , Vol. XX, No. Y, Month 2002, pp. 1-12					
/DP/	P	Günther Theile et al.: "MUSICAM-Surround: A Universal Multi-Channel Coding System Compatible with ISO 11172-3", <i>Audio Engineering Society, Convention Paper 3403, 93rd Convention, October 1-4, 1992, San Francisco, pp. 1-9</i>					
EXAMINER <div style="text-align: right;">/Disler Paul/</div>				DATE CONSIDERED <div style="text-align: right;">07/09/2007</div>			
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/DP/	O	B. Grill et al.: "Improved MPEG-2 Audio Multi-Channel Encoding", <i>Audio Engineering Society, Convention Paper 3865, 96th Convention, February 26 – March 1, 1994, Amsterdam, Netherlands, pp. 1-9</i>					
/DP/	P	Frank Baumgarte et al.: "Binaural Cue Coding – Part I: Psychoacoustic Fundamentals and Design Principles", <i>IEEE Transactions on Speech and Audio processing, Vol. 11, No. 6, November 2003, pp. 509-519</i>					
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/DP/	O	Recommendation ITU-R BS 775-1: "Multichannel stereophonic sound system with and without accompanying picture", 11pgs.					
/DP/	P	Juergen Herre et al.: "MP3 Surround: Efficient and Compatible Coding of Multi-Channel Audio", <i>Audio Engineering Society, Convention Paper 6049, 116th Convention, May 8-11, 2004, Berlin, Germany, pp. 1-14</i>					
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/DP/	O	Joseph Hull: "Surround Sound Past, Present, and Future", <i>Dolby Laboratories</i> , 1999, pp. 1-7					
/DP/	P	Roger Dressler: "Dolby Surround Pro Logic II Decoder Principles of Operation", <i>Dolby Laboratories, Inc.</i> , 2000, pp. 1-7					
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/DP/	O	Jürgen Herre et al.: "Combined Stereo Coding", <i>Audio Engineering Society, Convention Paper 3369, 96th Convention, October 1-4, 1992, San Francisco, pp. 1-17</i>					
/DP/	P	Dolby Laboratories, Inc. User's Manual: "Dolby DP563 Dolby Surround and Pro Logic II Encoder", <i>Issue 3, 2003</i>					
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/DP/	O	Minnetonka Audio Owner's Manual: "SurCode for DOLBY PRO LOGIC II", pp. 1-23					
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